Hit Distribution In the Memory Hierarchy, Including LSQ Hits

- **Memory Hits**
- **L2 Hits**
- **L1 Hits**
- **LSQ Hits**

Benchmark:
- 099.go
- 124.mng8ksim
- 126.gcc
- 129.compress
- 130.l1
- 132.jpeg
- 134.perl-jumble
- 134.perl-Primes
- 164.gzip
- 175.vpr-Place
- 175.vpr-Route
- 177.mesa
- 179.art
- 181.mcf
- 183.equake
- 188.anmp
- 197.parser
- 255.vortex
- 300.twolf
Hit Distribution in the Memory Hierarchy, Excluding LSQ Hits

Benchmark

- Memory Hits
- L2 Hits
- L1 Hits

Percentage

0%
20%
40%
60%
80%
100%
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Including LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits
- LSQ Hits

Programs: 099.60, 124.m88sim, 126.gcc, 129.compress, 130.li, 132.ljpeg, 134.perl-Jumble, 134.perl-Primes, 164.gzip, 175.vpr-Place, 175.vpr-Route, 177.mesa, 179.art, 181.mcf, 183.equake, 188.ammp, 197.parser, 255.vortex, 300.twolf

Config 01 - Chart C

Hit Distribution, Input Set A
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Excluding LSQ Hits

<table>
<thead>
<tr>
<th>Benchmark</th>
<th>Memory Hits</th>
<th>L2 Hits</th>
<th>L1 Hits</th>
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<tbody>
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<td>BENJAMIN</td>
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<td>255-vortex</td>
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<td>300-twolf</td>
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</tbody>
</table>
Hit Distribution In the Memory Hierarchy, Including LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits
- LSQ Hits

Config 03 - Chart A
Hit Distribution, Input Set A
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Including LSQ Hits

Config 03 - Chart C
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Excluding LSQ Hits
Hit Distribution In the Memory Hierarchy, Including LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits
- LSQ Hits

Config 07 - Chart A

Hit Distribution, Input Set A
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Including LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits
- LSQ Hits

The chart shows the hit distribution for different benchmarks, indicating the percentage of hits in various levels of the memory hierarchy: Memory, L2, L1, and LSQ.
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Excluding LSQ Hits

Config 07 - Chart D

Hit Distribution, Input Set A
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Including LSQ Hits

Config 09 - Chart C

Hit Distribution, Input Set A
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Excluding LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits

Config 09 - Chart D
Hit Distribution, Input Set A
Hit Distribution In the Memory Hierarchy, Including LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits
- LSQ Hits
Hit Distribution in the Memory Hierarchy, Excluding LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits

Config 19 - Chart B
Hit Distribution, Input Set A
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Including LSQ Hits
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Excluding LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits
Hit Distribution in the Memory Hierarchy, Excluding LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Including LSQ Hits
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Including LSQ Hits
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Excluding LSQ Hits
Hit Distribution in the Memory Hierarchy, Including LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits
- LSQ Hits

Config 27 - Chart A
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Excluding LSQ Hits

The graph shows the hit distribution in the memory hierarchy, weighted by hit time, excluding LSQ hits. The x-axis represents various benchmarks, and the y-axis represents the percentage of hits, ranging from 0% to 100%. The chart includes Memory Hits, L2 Hits, and L1 Hits, differentiated by color. The benchmarks include '099.go', '124.m88asm', '126.gc', '129.compress', '130.li', '132.jpeg', '134.perl-Jumble', '134.perl-Primes', '164.gzip', '175.vpr-Place', '175.vpr-Route', '177.mesa', '179.art', '181.mcf', '183.equake', '189.ammp', '197.parser', '255.vortex', and '300.wolf'.

Config 27 - Chart D
Hit Distribution, Input Set A
Hit Distribution In the Memory Hierarchy, Including LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits
- LSQ Hits
Hit Distribution in the Memory Hierarchy, Excluding LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits

<table>
<thead>
<tr>
<th>Application</th>
<th>Memory Hits</th>
<th>L2 Hits</th>
<th>L1 Hits</th>
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<td>129.compress</td>
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<td>132.jpg</td>
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<td>134.perl-Jumble</td>
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<td>300.twolf</td>
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</tbody>
</table>
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Including LSQ Hits
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Excluding LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits

Config 55 - Chart D
Hit Distribution, Input Set A
Hit Distribution in the Memory Hierarchy, Excluding LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Including LSQ Hits

Memory Hits
L2 Hits
L1 Hits
LSQ Hits

0% 20% 40% 60% 80% 100%

099.90 124.m88sim 126.gcc 129.compress 130.li 132.jpg 134.perl-Jumble 134.perl-Primes 164.gzp 175.vpr-Place 175.vpr-Route 177.mesa 179.art 181.mcf 183.equake 188.ammp 197.parser 255.vortex 300.wolf

Config 57 - Chart C
Hit Distribution, Input Set A
Hit Distribution In the Memory Hierarchy, Including LSQ Hits
Hit Distribution In the Memory Hierarchy, Including LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits
- LSQ Hits

Config 63 - Chart A
Hit Distribution, Input Set A
Hit Distribution in the Memory Hierarchy, Excluding LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Excluding LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits

Config 63 - Chart D

Hit Distribution, Input Set A
Hit Distribution in the Memory Hierarchy, Excluding LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits

Test cases include:
- 099.90
- 124.m88kem
- 126.gcc
- 129.compress
- 130.li
- 132.jpegs
- 134.perl-Jumble
- 134.perl-Primes
- 164.gzip
- 175.vpr-Place
- 175.vpr-Route
- 177.mesa
- 179.art
- 181.mcf
- 183.equake
- 189.ammp
- 197.parser
- 255.vortex
- 300.wolf

Config 73 - Chart B
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Excluding LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits

0% 20% 40% 60% 80% 100%

099.go 124.m88ksim 126.gcc 129.compress 130.li 132.jpeg 134.perl-Jumble 135.perl-Primes 164.gzip 175.vpr-Place 175.vpr-Route 177.mesa 179.art 181.mcf 183.equake 188.ammp 197.parser 255.vortex 300.twolf
Hit Distribution in the Memory Hierarchy, Excluding LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Including LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits
- LSQ Hits

 Config 75 - Chart C

Hit Distribution, Input Set A
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Excluding LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits

Config 75 - Chart D
Hit Distribution, Input Set A
Hit Distribution in the Memory Hierarchy, Weighted by Hit Time, Excluding LSQ Hits

Memory Hits
L2 Hits
L1 Hits

Config 79 - Chart D
Hit Distribution, Input Set A
Hit Distribution In the Memory Hierarchy, Including LSQ Hits

- Memory Hits
- L2 Hits
- L1 Hits
- LSQ Hits

Config 81 - Chart A
Hit Distribution, Input Set A